The ADOT Map Book

Introduction

The Arizona Department of Transportation Map Book samples the numerous uses made of ADOT's base centerline file, commonly known as Arizona Transportation Information System (ATIS) Roads. ATIS Roads is a Geographic Information System (GIS) coverage, or layer, of Arizona roads and streets. It is maintained within the ADOT Transportation Planning Division's Data Bureau by the GIS for Transportation (GIS-T) Team.

GIS has gained strength throughout ADOT for its usefulness as a technology tool in planning, analyzing, modeling and managing both spatial and tabular information. Maps produced from GIS databases provide a visual array of information, enabling the user to easily understand otherwise complex environmental, economic, and social issues. But GIS is more than just printed maps, its power lies in the databases that it is built from which enable the user to query more than just rows and columns, but in addition, to query by spatial location.

GIS technology has been used in ADOT for many years. One often hears the "ATIS Standard" quoted as a source for location reference of highway projects and Agency assets. The GIS-T Team continually creates and maintains GIS databases in addition to obtaining databases from other sources, such as private, local governments, State and Federal agencies. These databases are then used as overlays to the ATIS Roads base, converting a static representation of the roads and streets into a dynamic GIS application. The maps in this edition of the Map Book represent those maps that are most often requested and used within ADOT as well as maps that represent multi-modal aspects of the Agency.

Data sharing is at the heart of GIS technology's effectiveness. The GIS community in the Arizona state government is a diverse group with a strong commitment to cooperative data sharing. Without this cooperative effort, many of the maps presented here could not have been produced.

Prepared by

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All of these maps are available on our website:
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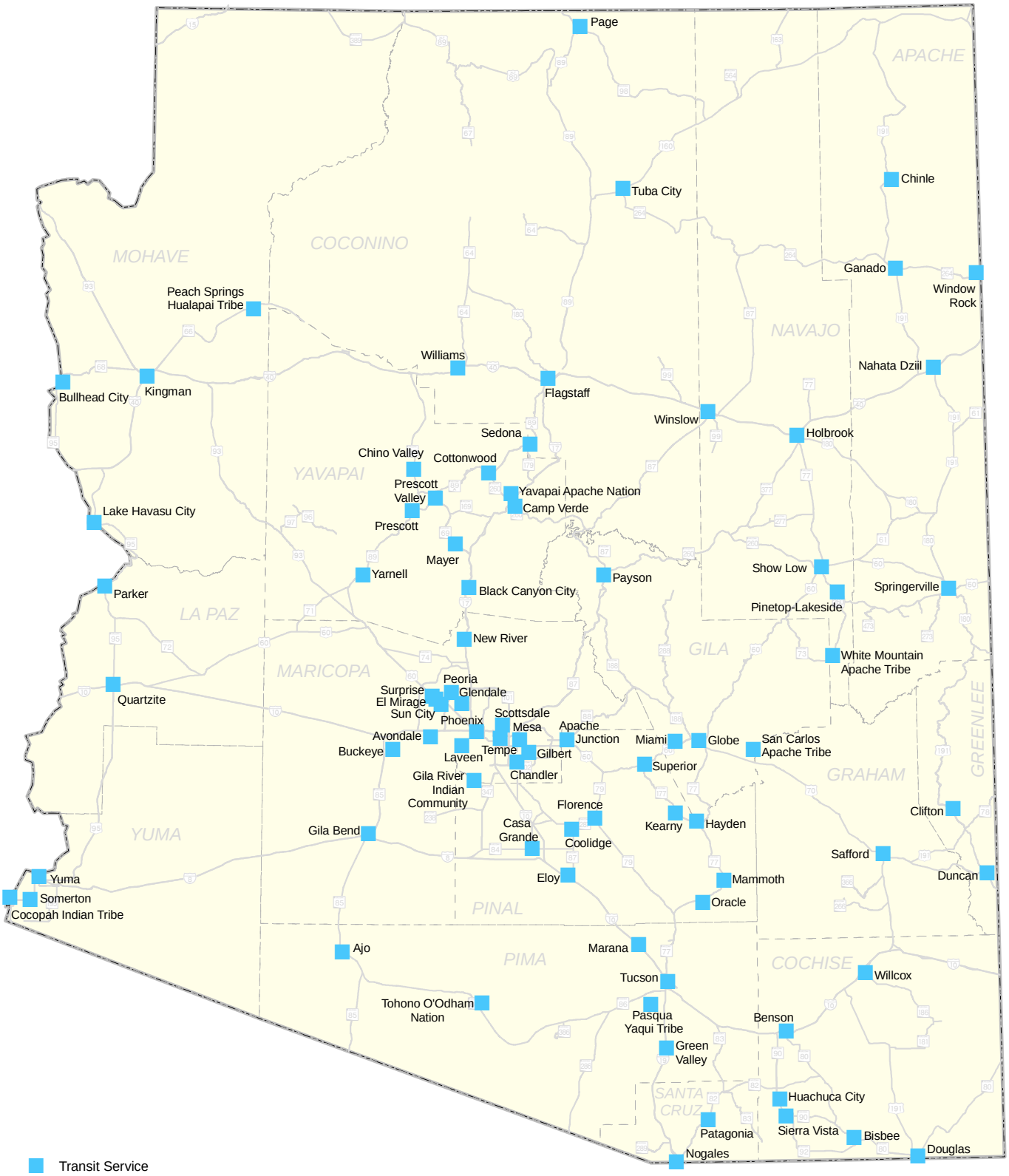
Alternative Modes of Transportation

Elderly and Persons with Disabilities Program (FTA Section 5310)



Transit Service

State Highway System

County Boundaries

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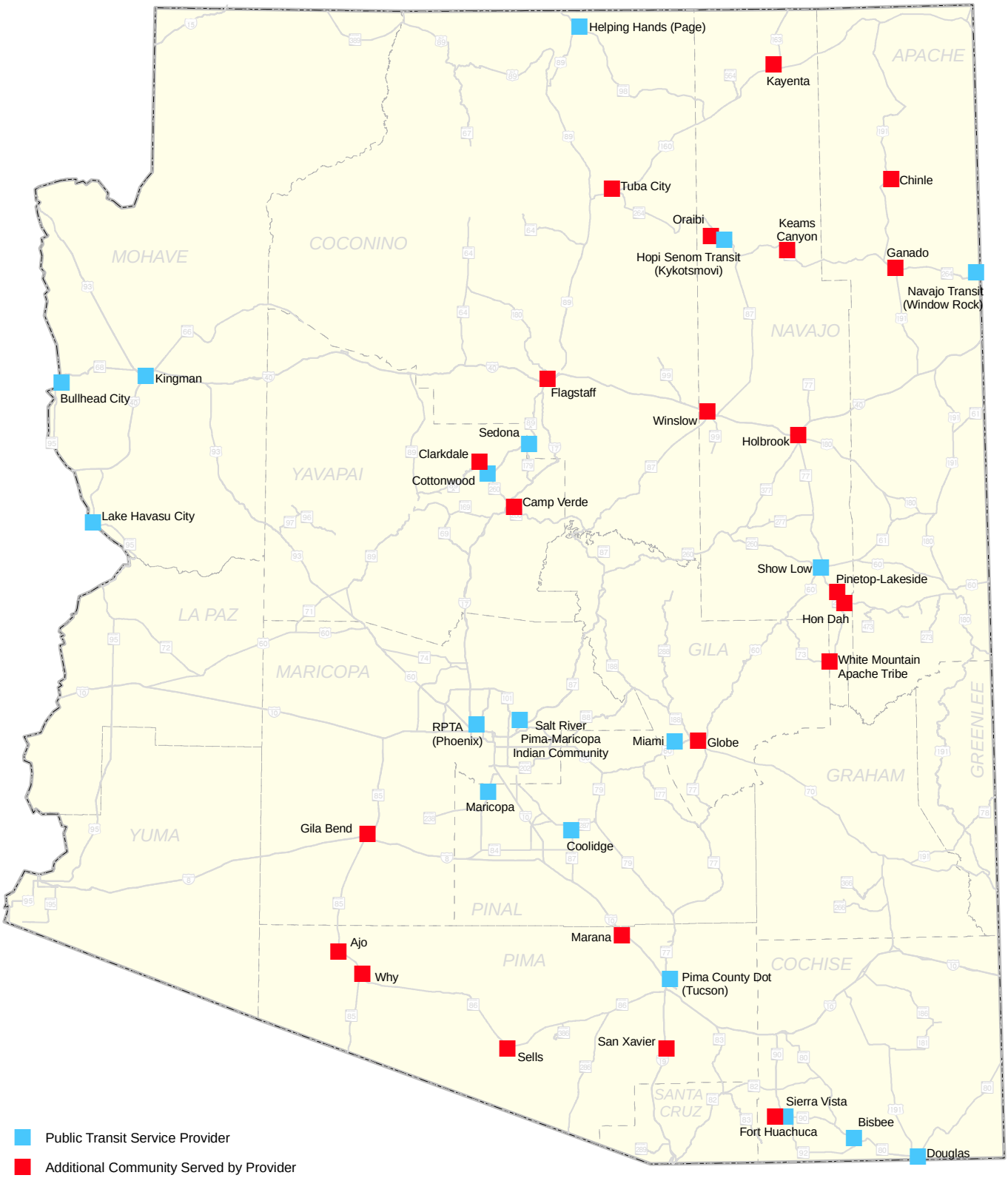
September 2009

0 20 40 80 Miles

Rural Public Transportation Program
(FTA Section 5311)



Public Transit Service Provider

Additional Community Served by Provider

State Highway System

County Boundaries

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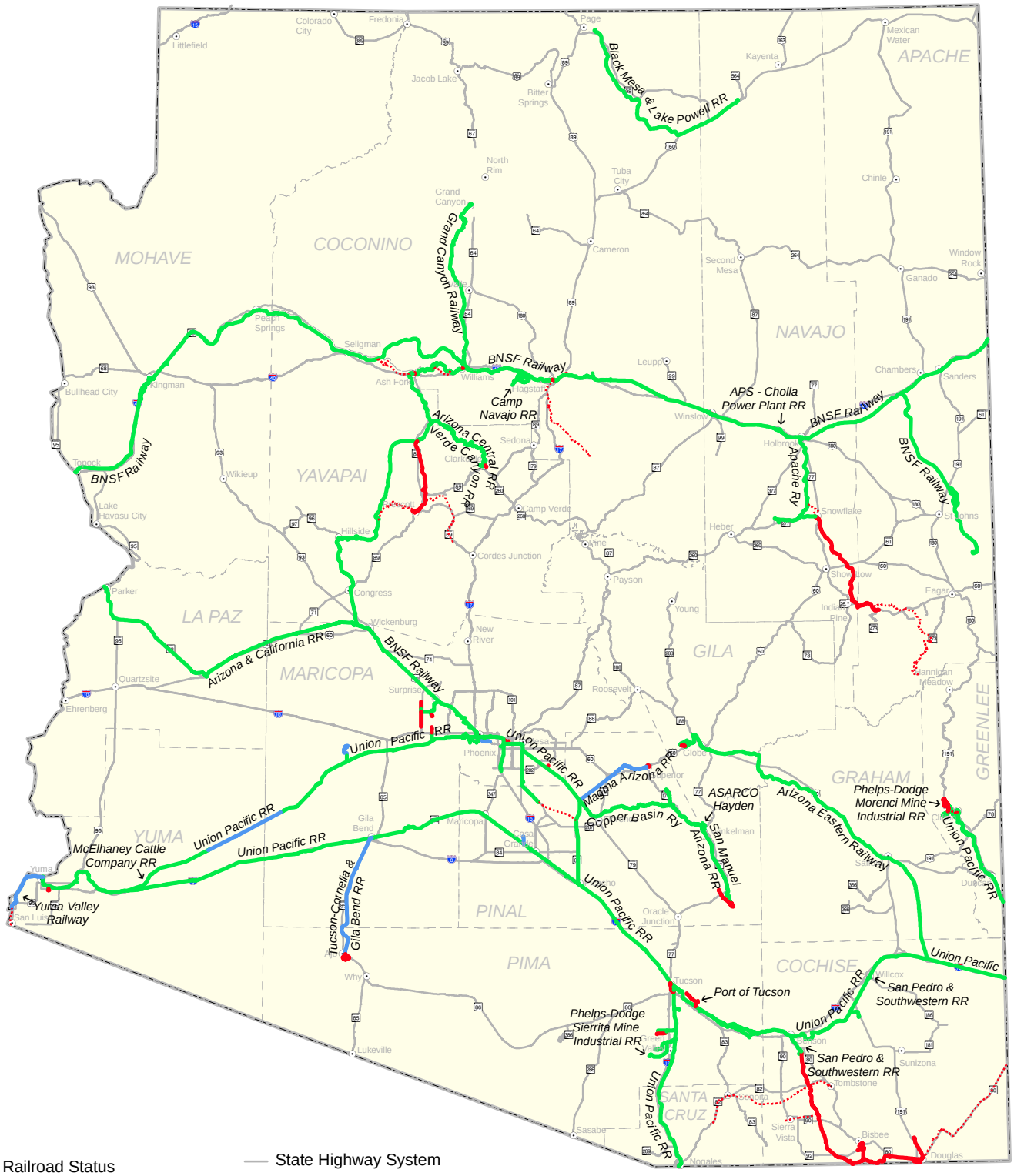
Arizona Railroads
(Service Status and Ownership)



Railroad Status
- In Service
- Out of Service
- Abandoned (1980 - 2007)
- Abandoned (1950 - 1979)

- State Highway System
- Cities and Towns
- County Boundaries

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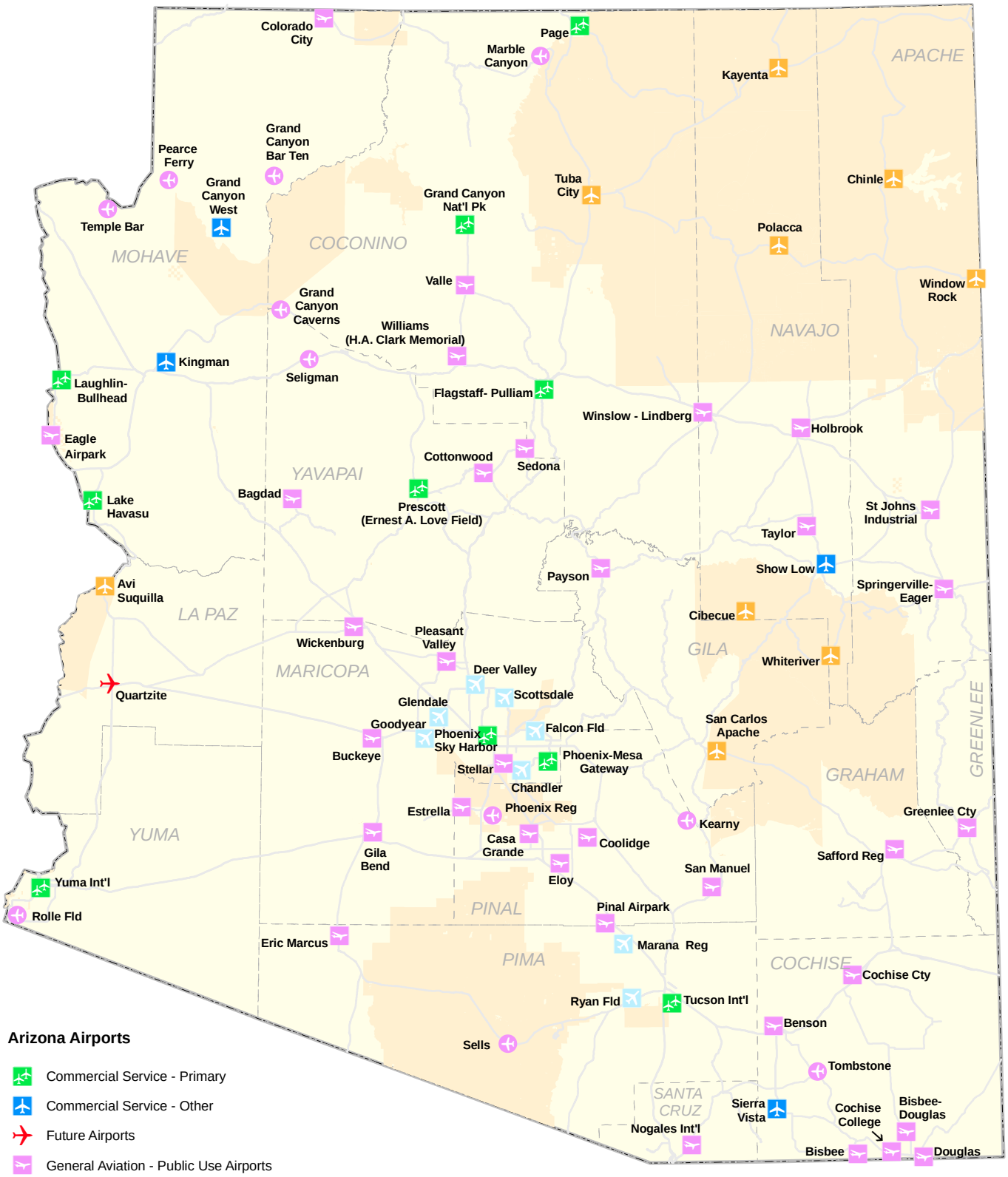
0 20 40 80 Miles

Arizona Airports



Arizona Airports

- Commercial Service - Primary
- Commercial Service - Other
- Future Airports
- General Aviation - Public Use Airports
- General Aviation - Public Secondary Use
- Native American Airports
- Reliever Airports
- State Highway System
- County Boundaries
- Indian Reservations

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0 20 40 80 Miles